IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

CARMELLO et al. Atty. Ref.: 4702-116

Serial No. 09/746,219 Group: 1725

Filed: December 22, 2000 Examiner: Elve, M.A.

For: METALLIC MONOLITH CATALYST SUPPORT FOR

SELECTIVE GAS PHASE REACTIONS IN TUBULAR

FIXED BED REACTORS

* * * * * * * * * *

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY AND EXCLUSIVE PROSECUTION HEREAFTER BY ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73

Ineos Vinyls UK Ltd., being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 23117** individually and collectively my/its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

Ineos Vinyls UK Ltd. also authorizes Nixon & Vanderhye P.C. to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye P.C. on behalf of the owner.

Certificate Under 37 C.F.R. §3.73(b)

Ineos Vinyls UK Ltd., a corporation having a place of business at Runcorn Sitr HQ, South Parade, P.O. Box 9, Runcorn, Cheshire, UK WA7 4JE states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached and/or recorded at the United States Patent Office on September 6, 2006 at reel 018208, frame 0694.

The undersigned (whose title is typed below) is empowered to sign this statement on behalf of lneos Vinyls UK Ltd..

Ineos Vinyls UK Ltd.

20th September, 2008

Date

By:

Name: Susan Elizabeth STEVENS

Title: by Power of Attorney